DESCRIPTION

ULTRASONIC DIAGNOSTIC EQUIPMENT

TECHNICAL FIELD

The present invention relates to ultrasonic diagnostic equipment which performs transmission and reception using an array element to obtain information on a body to be examined.

BACKGROUND ART

A principle of ultrasonic diagnostic equipment which repeatedly performs transmissions into and receptions from, of ultrasonic waves, a body to be examined using an array element, thereby obtaining body information to be examined as a two-dimensional image, is already known.

A tomographic image which is formed by scanning the two-dimensional surface using the ultrasonic beam is called a frame, and an index indicating how many cross-sections of the frames can be displayed for one second is called a frame rate. For example, a frame rate of 15 frame/s means that 15 cross-sections of tomographic images can be obtained for one second. It is known that an image is seen flickering at a frame rate smaller than 30 frame/s, based on characteristics of the human eye. A display frame rate depends on a sonic speed of the ultrasonic wave in a living organism, the number of ultrasonic lines constituting a